

ABSTRACT OF THE DISCLOSURE

A thinner portable wireless telephone with a thinner built-in antenna. An antenna unit is composed of a first radiating conductor and a second radiating conductor. The second radiating conductor having about half electrical length of the first radiating conductor is arranged so as to correspond the first radiating conductor from its center to one end in parallel. In addition, one ends of the first and second radiating conductors are electrically connected and power is supplied to around the center of the first radiating conductor and the other end of the second radiating conductor. Only electric current flowing on the external surfaces of the antenna unit causes radio waves. As a result, the space between the first and second radiating conductors can be narrowed, thus making it possible to construct a thinner antenna unit. Thus a portable wireless apparatus can be made thinner.